Sept. 3, 1957 E. P. SCOTT 2,804,695

DEVICE FOR DRYING WET HAIR

Filed April 30, 1954.

Fig. 1.

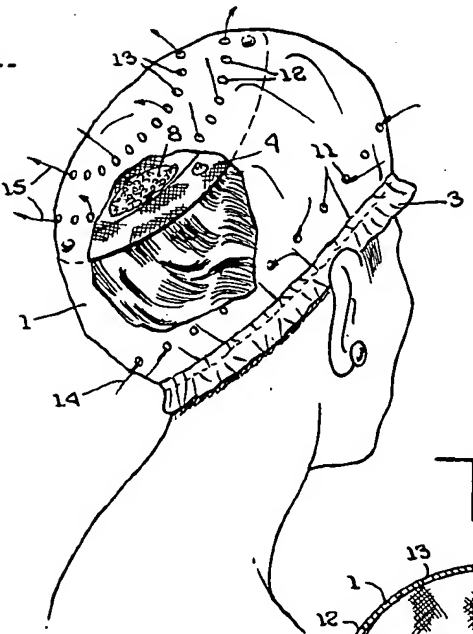


Fig. 3.

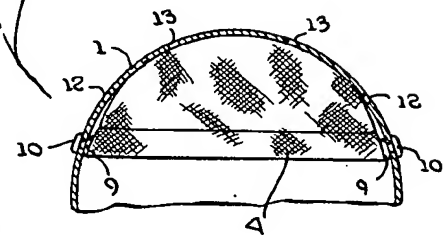
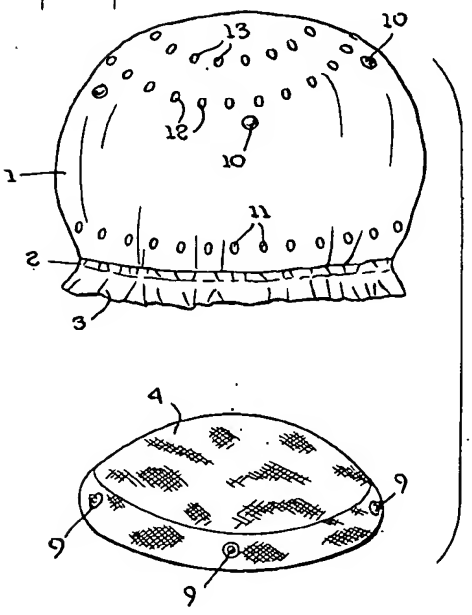


Fig. 2.



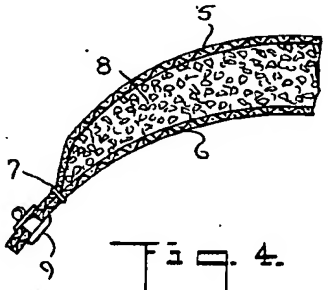


Fig. 4.

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DEVICE FOR DRYING WET HAIR

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1 Claim. (Cl. 34—95)

The present invention is directed to means for drying the hair after shampooing, and more particularly to a simple structure adapted to be placed over the head of the wearer.

It is customary practice after shampooing the hair for the individual to be placed under a heating arrangement which was electrically heated and produced a warm current of air which passed through the hair of the individual, thereby drying it. In some cases, the direct heat rays falling on the hair accomplished the drying operation. While these devices were successful in drying the hair and were adequate for the purpose, they were quite inconvenient in use. It was necessary for the individual to sit under the apparatus for a relatively long time in a stationary position so that the operation was quite tiresome. Also there was the danger of overheating the hair and rendering it brittle, or underheating with the resultant imperfect drying of the hair. Because such apparatus was electrically heated, there was a danger of short circuits and shock to the individual whose hair was being dried.

The present invention is intended and adapted to overcome the difficulties and disadvantages inherent in prior devices of the type described, it being among the objects of the present invention to provide an arrangement which is effective in drying hair but does not require the individual to remain seated and in a substantially motionless position.

It is also among the objects of the present invention to provide a device of the character described, which is simple in construction, which is light in weight and which may be readily adjusted by the individual whose hair is to be dried.

It is further among the objects of the present invention to provide a device in which the element used for the drying is heatless, does not require the use of electricity, and which is replaceable or renewable at little or no expense.

In practicing the present invention there is provided a flexible cap of rubber, plastic or the like, having at the lower end an elastic band or the like so that it is held tightly around the head of the wearer with the hair within the cap. Along the lower edge of the cap is a series of openings, and similarly at the crown thereof is at least one series of openings. By reason thereof, air circulates into the lower set of openings through the hair and out through the crown of the cap.

Within the cap is provided a packet which is made of a suitable material preferably of a relatively coarse mesh so as to allow air to pass through the same. The packet contains a granular material which is capable of absorbing water and holding the water in a physically combined state. Thereby as the air passes through the cap, it picks up moisture from the hair and the moisture is in turn picked up by the filling material in the packet. Thereby the individual is not confined to any one position during the drying of the hair and there is no danger of accidental burning or scorching of the hair.

The invention is more fully described in connection with the accompanying drawing constituting a part hereof, in which like reference characters indicate like parts, and in which

Fig. 1 is a perspective view of a cap made in accordance with the present invention, worn by an individual whose hair is to be dried, some parts being broken away for clearness;

Fig. 2 is a side elevational view thereof;

Fig. 3 is a transverse cross-sectional view thereof, and

Fig. 4 is an enlarged fragmentary cross-sectional view of the packet.

The cap 1 of usual form has an elastic band 2 around the lower edge thereof and a ruffle 3 or the like extending below band 2. The packet 4 consists of an upper disk 5 and a lower disk 6 stitched together adjacent to the periphery thereof by stitching 7. Filling material 8 consisting of particles of such size that they are held within the meshes of disks 5 and 6 fill the packet. Various materials may be used, such as calcium chloride, silica gel, aluminum oxide or any other drying or absorbing agent which effectively absorbs the moisture and does not detrimentally affect the skin, hair or scalp or the materials of the packet and cap. A set of members 9 of cooperating snap fasteners are arranged around the periphery of the packet and cooperating complementary members 10 are secured within the cap at an intermediate portion thereof. A series of openings 11 are formed around the cap just above band 2.

Above the series of fasteners are two sets of openings 12 and 13 arranged in circles one above the other and adjacent to the crown of the cap. A natural circulation of air into openings 11 through disk 6, filling material 8 and disk 5 and through openings 12 and 13 rapidly dries the hair without immobilizing the user.

Although the invention has been described setting forth a single specific embodiment thereof, the invention is not to be limited thereto as various changes in the details of construction may be made within the principles herein set forth. For instance, instead of a mesh fabric 5 and 6 for the disks, various paper or other materials may be used. The packet need not be circular in shape but may be of any desired form to fit within the cap. Other means than snap fasteners may be used for detachably securing the packet to the cap. The filling material may be such as is regenerated by heating so that the packet may be placed in a warming oven for a short time to remove moisture from the filling material, and it is again ready for use. Such a filling material is preferred in the drying device.

These and other changes may be made without departing from the principles herein set forth and the invention is not to be limited except by the character of the claim appended hereto.

I claim:

A device for drying wet hair comprising a cap of flexible sheet material adapted to enclose the head of the wearer, means along the lower edge of said cap to retain the same in adjusted position, a packet containing water absorbent material held within said cap and positioned in the crown thereof, a first plurality of openings in said cap located in the crown thereof, a second plurality of openings in said cap located near the lower edge thereof, said first plurality of openings and said second plurality of openings adapted to permit circulation of air into said cap, through said wet hair and said packet, and out of said cap.

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